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# Example of Solar Engineer Job Description

Our growing company is searching for experienced candidates for the position of solar engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for solar engineer

* Summarize and present reliability testing results
* Overall responsibility and accountability for production quality from definition to operational stages
* Design test fixtures and implement product and system tests
* Efficiently obtaining measurable and predictable results
* Create and present test reports in a clear and concise manner
* Planning, procuring, organizing and maintaining test equipment and materials
* Collaborate with product development team to incorporate test results
* Coordinate with manufacturing partners for product testing
* Set and communicate reliability requirements and targets for components, subsystems
* Participate on cross-functional product teams as lead or supporting design engineer

## Qualifications for solar engineer

* Working knowledge of PV specific modeling, standard electrical calculations, basic structural & mechanical calculation
* Solar Power Plant knowledge is preferred
* PV plant design, PV panel and Solar inverter knowledge will be plus
* University degree in Electrical, Electrical & Electronics, Energy Engineering
* 2-3 years of sales experience in Power Electronics (solar inverters, solar system components, UPS), or Power Protection (MV Switchgear and rectifiers) or automation products sales
* Responsible for understanding and implementation of technical regulations and standards for the industry and various regions (IEC, IEEE, API)